



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/609,222	06/30/2000	Masato Ochiai	35.C14602	2806
5514	7590	10/21/2004	EXAMINER LE, HIEU C	
FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA NEW YORK, NY 10112			ART UNIT 2142	PAPER NUMBER

DATE MAILED: 10/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/609,222

Applicant(s)

OCHIAI ET AL.

Examiner

Hieu c. Le

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-6,8-17, 19,20,23 and 25 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6,8-17, 19,20,23 and 25 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. ____   |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____  | 6) <input type="checkbox"/> Other: ____                                     |

Art Unit: 2142

1. *The amendment filed 8/06/04 have been entered and made of record.*
2. *Applicant had extensively amended claim 1 in order to traverse the prior art of the record. The Applicant 's argument filed 8/6/04 have been fully considered but they are moot of new grounds for the rejection.*

Applicant alleges that "Salgado is not seen to describes suggest any of the devices store location information [,]" (p. 17, lines 6-11). The Examiner disagrees. Firstly, the Examiner cannot see any where in the claim language "where the location information is transmitted by the device to another device that requests a job status". Secondly, Salgado discloses upon receiving the location information and the job status information, display the device on a map together with the job status information (Fig. 12, the printer 284 (device) is played on a map with the status information of the north printer is available while printer on Bldg 2 is not available. Third, Sekizawa discloses transmitting location and status information from a printer (device) to a computer 10 (another device) monitoring the printers and request information (Figs. 1 & 3).

### **Claim Rejections - 35 U.S.C. § 103**

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Art Unit: 2142

4. Claims 1-6,8-20,23, 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sekizawa ( US Patent 6,430,711) in view of Salgado ( US Patent 5,872,569 ).

As to claim 1, Sekizawa discloses an information processing apparatus for monitoring a job requested of a device on a network, comprising:

a first receiving unit adapted to receive first information indicating status of a job requested of said device (col. 19, lines 22-35)

a second receiving unit adapted to receive second information indicating a location of the device (col. 21, lines 9-14, col26, line 61-col. 27, line 4); and

a display unit adapted to display information indicating said device on for displaying the location of the device on the basis of the second information.

wherein said displaying unit displays the information indicating the device and the first information concerning the device [Fig. 36 show a display unit that displays a window indicating each printer (device) and the location (installation place) of the printer and the status (first information) of the printer (device).

Sakizawa does not disclose displaying the device on a map.

Salgado disclose a system with a screen to indicate the status of a set of devices for facilitating the programming of a job or controlling an output of the job (abstract). As shown in Fig. 12 a screen displays a map that displays printer 284 (device) and indicates that the north printer (location of device) is a available (status) while the printer on Bldg 2 (location of device is not available) (status).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to use Salgado's teachings to modify Sakizawa's apparatus by displaying the printer location and status information on a map in order to facilitate the programming of a job or controlling an output of the job.

As to claim 2, Salgado further discloses further comprising:

a storing unit adapted to store map data for displaying the location of said device, wherein the display unit displays the information indicating said device on the map displayed based on the map data [(col. 7, lines 55-63, Fig. 12 shows the display of printer (device) 284 as an icon indicating the device on the map data (col. 19, lines 58-63)].

As to claim 3, Salgado further discloses wherein the display unit changes a displaying information indicating said device according to the first information (col. 20, lines 37-53).

As to claim 4, Salgado further discloses further comprising a third receiving unit adapted to receive map data for displaying the location of said device from another information processing apparatus on the network [map data is stored on a server (another) information processing unit (col. 7; lines 55-63) and a set of document processing devices (third receiving device (col. 7, lines 64-67))];

wherein the displays unit displays the information indicating the device on the map displayed based on the map data received by said third receiving a unit [ the printer (device) in Fig. 12 is indicated as an icon on the map data (col. 19, lines 58-63)].

As to claim 5, refer to claim 3 rejection. Salgado further discloses further comprising a storing unit adapted to store map data corresponding to plural hierarchical location information for displaying the location of the device (col. 18, lines 10-12).

As to claim 6, Salgado further discloses wherein the display unit displays the information indicating said device and the first information concerning the device on a same screen [Fig. 12, shows the printer (device) 284 as icon indicating the device on the map data (col. 19, lines 58-63)].

As to claim 8, Sekizawa further discloses a device for processing a job requested via a network, comprising:

A first storing unit adapted to store displaying a location information for display a location of the device [a local retention section (first storing unit) stores the IP address of the network printer (col. 36, lines 61-67)],

a second storing unit adapted to store an event to be notified regarding the requested job and a notice destination address being associated with the event to be notified [ a printer status information (event) stored in the local retention section (col. 28, lines 44-50), upon change of the printer status (event to be notified) the status information is sent to a destination address (col. 29, lines 12-19)]; and

a transmission-unit adapted to transmit information indicating the event to be notified and the information stored in said first storing unit to said notice destination address at according to an occurrence of said event (col. 27, lines 5-16, col. 28, lines 14-20). Sekizawa does not disclose displaying the device on a map.

Salgado disclose a system with a screen to indicate the status of a set of devices for facilitating the programming of a job or controlling an output of the job (abstract). As shown in Fig. 12 a screen displays a map that displays printer 284 (device) and indicates that the north printer (location of device) is a available (status) while the printer on Bldg 2 (location of device is not available) (status).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to use Salgado's teachings to modify Sakizawa's apparatus by displaying the printer location and status information on a map in order to facilitate the programming of a job or controlling an output of the job.

As to claim 9, refer to claim 8 rejection. Salgado further discloses further comprising a storing unit adapted to store display location information on an for displaying a location of said device [ As shown in Fig. 12, a location information of a printer (device) and in Fig. 16, one of the attributes that is indicated for device is location. The attributes are hierarchical in order (col. 18, lines 10-12) and the attributes are stored on a server (col. 7, lines 55-63) (storing means)].

a judgment unit adapted to judge a status of a the request job [ the status of the printer (device) associated with the job is determined and sent to the user (col. 20, lines 37-48, col. 22, lines 57-61)]; and

a transmission unit adapted to transmits according to a request from-another device on said network, information indicating the judged job status and the information

Art Unit: 2142

store by storing unit to said another device [ the status and location of the printer is transmitted to the user work station (another device) and displayed (col. 20; lines 37-47) based on a user search (request) (col. 22, lines 44-46)].

As to claim 10, refer to claims 1 & 8 rejection.

As to claim 11, refer to claims 8 & 9 rejection.

Claim 12 is a method analogous to the device of claim 1, arguments analogous to those applied to claim 1 are applied to claim 12.

As to claim 13, refer to claim 2 rejection.

As to claim 14, refer to claim 3 rejection.

As to claim 15, refer to claim 4 rejection.

As to claim 16, refer to claim 5 rejection.

As to claim 17, refer to claim 6 rejection.

Claim 19 is a method analogous to the device of claim 8, arguments analogous to those applied to claim 8 are applied to claim 19.

As to claim 20, refer to claim 9 rejection.

Claim 23 is storage medium analogous to the device of claim 1, arguments analogous to those applied to claim 1 are applied to claim 23.

Claim 25 is storage medium analogous to the device of claim 8, arguments analogous to those applied to claim 8 are applied to claim 25.

12. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP




the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hieu Le whose telephone number is (703) 306-3101. The examiner can normally be reached on Monday to Friday from 7:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Harvey, can be reached on (703) 305-9705. The fax phone number for this Group is (703) 308-9051.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Hieu Le

  
JACK B. HARVEY  
SUPERVISORY PATENT EXAMINER